

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:

Christopher P. ADAMS et al.

Serial No.: Unassigned

Group Art Unit: Unassigned

Filing Date: Concurrently herewith

Examiner: Unassigned

Title: NASAL ADMINISTRATION OF CALCIUM CHANNEL BLOCKERS FOR  
TREATMENT OF HYPERTENSION AND OTHER CARDIOVASCULAR  
DISORDERS

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration.  
Applicants respectfully request that the Examiner review and make of record the references  
identified below.

A PTO-1449 form listing the references accompanies this paper. Applicants would  
appreciate the Examiner's initialing and returning the form to indicate that the references have  
been reviewed and made of record. The references are as follows:

U.S. PATENT DOCUMENTS		
Document No.	Issue Date / Publication Date	Patentee / Applicant
4,478,822	10/23/84	Haslam et al.
4,605,552	8/12/86	Fritschi
4,689,213	8/25/87	Golub et al.
5,019,395	5/28/91	Mahjour et al.
5,384,133	1/24/95	Boyes et al.
5,485,827	1/23/96	Zapol et al.
5,603,943	2/18/97	Yanagawa
5,916,540	6/29/99	Akehurst et al.
6,098,619	8/8/00	Britto et al.
6,197,328	3/6/01	Yanagawa
6,267,980	7/31/01	Gilbert et al.
6,334,997	1/1/02	Foster et al.
6,413,496	7/2/02	Goodman et al.
2001/0031738	10/18/01	Schwarz

U.S. PATENT DOCUMENTS		
Document No.	Issue Date / Publication Date	Patentee / Applicant
2001/0036954	11/1/01	Foster
2002/0048551	4/25/02	Keller et al.
2002/0058011	5/16/02	Akehurst et al.
2003/0015190	1/23/03	Rabinowitz et al.
2003/0017114	1/23/03	Rabinowitz et al.
2003/0021754	1/30/03	Rabinowitz et al.
2003/0073127	4/17/03	Ji et al.

FOREIGN PATENT DOCUMENTS		
Document No.	Publication Date	Country
JP 7053358	2/28/95	Japan
WO 99/63997	12/16/99	PCT

As the subject application is being filed after June 30, 2003, copies of the U.S. patents and publications disclosed in this Information Disclosure Statement are not required and, therefore, are not included.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any of the above references constitutes prior art to the present application within the meaning of 35 USC § 102.

As this Information Disclosure Statement is being filed concurrently with the application, no fee is required.

Respectfully submitted,

By: Shelley P. Eberle  
 Shelley P. Eberle  
 Registration No. 31,411

REED & EBERLE LLP  
 800 Menlo Avenue, Suite 210  
 Menlo Park, California 94025  
 (650) 330-0900 Telephone  
 (650) 330-0980 Facsimile

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
*(use as many sheets as necessary)*

Sheet	1	of	1	Attorney Docket Number	3400-0009
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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document No.	Issue Date or Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
	AA	4,478,822	10/23/84	Haslam et al.			
	AB	4,605,552	8/12/86	Fritschl			
	AC	4,689,213	8/25/87	Golub et al.			
	AD	5,019,395	5/28/91	Mahjour et al.			
	AE	5,384,133	1/24/95	Boyes et al.			
	AF	5,485,827	1/23/96	Zapol et al.			
	AG	5,603,943	2/18/97	Yanagawa			
	AH	5,916,540	6/29/99	Akehurst et al.			
	AI	6,098,619	8/8/00	Britto et al.			
	AJ	6,197,328	3/6/01	Yanagawa			
	AK	6,267,980	7/31/01	Gilbert et al.			
	AL	6,334,997	1/1/02	Foster et al.			
	AM	6,413,496	7/2/02	Goodman et al.			
	AN	2001/0031738	10/18/01	Schwarz			
	AO	2001/0036954	11/1/01	Foster			
	AP	2002/0048551	4/25/02	Keller et al.			
	AQ	2002/0058011	5/16/02	Akehurst et al.			
	AR	2003/0015190	1/23/03	Rabinowitz et al.			
	AS	2003/0017114	1/23/03	Rabinowitz et al.			
	AT	2003/0021754	1/30/03	Rabinowitz et al.			
	AU	2003/0073127	4/17/03	Ji et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document No.	Publication Date	Country	Class	Subclass	T
	AV	JP 7053358	2/28/95	Japan			*
	AW	WO 99/63997	12/16/99	PCT			

\*English translation of abstract only

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.